WHAT IS CLAIMED IS:

1	1.	A method for performing analytical reporting on top of a	
2	multidimensional dat	a model built on top of a relational or multidimensional database,	
3	wherein the database operates in a computer system and provides returned values responsive		
4	to queries specified in a predefined query language, wherein the database supports the use of		
5	functions and operato	rs to perform operations on values within the database, wherein the	
6	multidimensional data model includes a plurality dimensions organizing data as sets of value		
7	organized in a hypercube, wherein the method includes a user interface executing on a		
8	computer system operated by a human user, wherein the computer system executing the user		
9	interface includes a processor coupled to a memory, wherein the processor is further coupled		
10	to the user interface, data model, and the database, the method comprising the following acts:		
11 1		displaying a reporting object that displays values selected by one or	
12 13	more axes of the multidimensional data model;		
13		displaying a hierarchical view of at least a part of a hypercube in the	
14	multidimensional data model showing dimensions and dimension members of the hypercube;		
15		using the user interface to associate a first dimension object with the	
15 16	reporting object; and		
]]17		displaying a set of reporting objects, each corresponding to a member	
18	of the dimension, where the reporting object displays values of measures of the		
19	corresponding dimension member including multiple blocks synchronized along a common		
20	axis, nested sections, and breaks.		
1	2.	The method of claim further comprising the acts of:	
2		displaying an analysis user interface;	
3		selecting a cell of said reporting object; and	
4		utilizing a GUI tool to select an OLAP analysis action to be performed	
5	on the cell.		
1	3.	The method of claim 2 further comprising the act of:	
2		selecting the OLAP analysis action to be drill down or drill up.	

1	4. The	method of claim 1 further comprising the acts of:		
2	asso	ociating a specific member of the first dimension object with the		
3	first dimension object to s	first dimension object to select only the specific member when displaying the reporting		
4	object.			
1		method of claim 1 further comprising the acts of:		
2	asso	ociating a second dimension object, nested under the first dimension		
3	object, with the reporting	object; and		
4	defi	ning a filter to sort the second dimension object according to a		
5	specified criteria.			
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1	6. A c	omputer program product for performing analytical reporting on		
2	top of a multidimensional data model built on top of a relational or multidimensional			
3	database, wherein the database operates in a computer system and provides returned values			
4	responsive to queries specified in a predefined query language, wherein the database supports			
5	the use of functions and operators to perform operations on values within the database,			
. 6	wherein the multidimensional data model includes a plurality dimensions organizing data as			
7	sets of values organized in a hypercube, wherein the method includes a user interface			
8	executing on a computer system operated by a human user, wherein the computer system			
9	executing the user interfac	executing the user interface includes a processor coupled to a memory, wherein the processor		
10	is further coupled to the user interface, data model, and the database, the method comprising			
11	the following acts:			
12	a computer	readable medium having program code embodied therein, said		
13	program code further comprising:			
14	pro	gram code executed by the processor for displaying a reporting		
15	object the displays	values selected by one or more axes of the multidimensional data		
16	model;			
17	pro	gram code executed by the processor for displaying a hierarchical		
18	view of at least a p	eart of a hypercube in the multidimensional data model showing		
19	dimensions and dimension members of the hypercube;			
20	pro	gram code executed by the processor for enabling using the user		
21	interface to associa	ate a first dimension object with the reporting object; and		

program code executed by the processor for displaying a set of
reporting objects, each corresponding to a member of the dimension, where the
reporting object displays values of measures of the corresponding dimension member
including multiple blocks synchronized along a common axis, nested sections, and
breaks